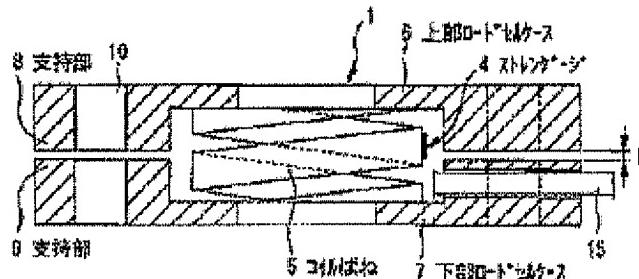


LOAD CELL, AND CRANE OVERTURN ALARMING DEVICE

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Inventor: SAITO FUMIHIRO; KAMINOHARA MOTOYASU;
KOBAYASHI SEIJI
Applicant: FURUKAWA CO LTD
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- **International:** G01L1/22; B66C13/16; B66C23/78; G01L1/26;
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- **European:**
Application number: JP20000226337 20000727
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PROBLEM TO BE SOLVED: To improve the alarming accuracy of an overturn alarming device by detecting the low load of an outrigger with high accuracy. **SOLUTION:** This crane overturn alarming device comprises a load cell 1 which comprises a coil spring 5 having a strain gage 4, and an upper load cell case 6 and a lower load cell case 7 which holds the coil spring 5 from the top and the bottom thereof to transmit the load of the outrigger to the coil spring 5, and is provided with support parts 8, 9 to support the load exceeding a predetermined value to restrict the deflection of the coil spring 5 between the upper load cell case 6 and the lower load cell case 7, and an alarm unit to give the overturn alarm based on the detected load of the outrigger from the load cell 1.



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